

# IZER ONADIM

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First year Meng Computing student with over two years of programming experience, an excellent academic record and good communication skills. Seeking an 8-12 week summer internship in the field of Software Engineering.

## Education

### 2019 – 2023 **Meng Computing (Artificial Intelligence), Imperial College London**

- Completed a module on Haskell, during which I became familiar with functional programming.
- Modules that will be completed this year include: Java, C, Databases, Computer Architecture, Graphs and Algorithms, Reasoning about programs, Logic, Discrete Mathematics, and a group programming project in C.
- Taking part in optional Imperial 'Horizons' module on entrepreneurship.

### 2007 – 2019 **Dulwich College, London**

- A Levels: Computer Science (A\*), Physics (A\*), Maths (A\*), Further Maths (A).
- GCSEs: 11 A\*s and a Free Standing Mathematics Qualification (FSMQ) from OCR (achieved A - highest grade).
- Senior Prefect: Organised many events and gave talks to large audiences of peers and sponsors (100+).

## Skills

- Proficient in Python, with experience using NumPy, Matplotlib, Pandas, SciPy and Pygame.
- Comfortable with Haskell and functional programming.
- Experienced with HTML, CSS, SQL, R, Git and some JavaScript.
- Experience in running machine learning models using H2O library in R.
- Familiar with object-oriented programming concepts and data structures.
- Comfortable with using WordPress and FTP, currently running personal website (onadim.net).

## Experience

### August 2018 **BT main research facility - Adastral Park**

- Completed a week of work experience at BT in which I worked on the machine learning team.
- Became familiar with programming language R, and the machine learning library H2O.
- Implemented machine learning models using H2O on many different datasets.

### September-June 2018 **Young Enterprise Competition**

- Started and ran a company with a team of students from Dulwich College and Sydenham High School.
- Made it through to the second stage of the competition, winning several awards.
- Performed the role of company secretary, through which I gained organisational and leadership qualities.

## Projects

### Python Video Game

- The game had the following features: many game modes, pausing, saving and loading functionality, a responsive user interface, a high score system. Compiled python code into an executable.
- Learned to work with following libraries: Pygame, cxFreeze, OS, math, shelve, random, time and datetime.

## Activities/Interests

- Active member of Department of Computing Society and Imperial College Data Science Society. Regularly attend technical and industry events, such as the Netcraft JavaScript Skimming competition.
- Enjoy playing rugby and have performed at Shakespeare's Globe Theatre.